

Abistir® 7120/V0-UV BIANCO 0154

Acrylonitrile Butadiene Styrene

SO.F.TER. SPA

Message:

Flame retardant ABS grade, good fluidity, UV stabilized

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good Flow		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	50	g/10 min	ASTM D1238
Molding Shrinkage	0.40	%	Internal Method
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.0	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.0	°C	ASTM D648
Vicat Softening Temperature	80.0	°C	ASTM D1525 ¹
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	180	°C	
Middle Temperature	200	°C	
Front Temperature	210	°C	

Mold Temperature	40.0 to 60.0	°C
NOTE		
1.	Rate A (50°C/h), Loading 2 (50 N)	

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